

Release notes for ENDF/B Development n-060_Nd_148
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=6043, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=6043, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      245 TO      394
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=6043, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=6043, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      245
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6043, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      396
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      609
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      625
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER      652
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      676
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 17
SECTION 3/ 17 NOT IN DIRECTORY RECORD NUMBER 686

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 22
SECTION 3/ 22 NOT IN DIRECTORY RECORD NUMBER 693

9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 24 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 24
SECTION 3/ 24 NOT IN DIRECTORY RECORD NUMBER 704

10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 28
SECTION 3/ 28 NOT IN DIRECTORY RECORD NUMBER 712

11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 41 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 41
SECTION 3/ 41 NOT IN DIRECTORY RECORD NUMBER 721

12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 51
SECTION 3/ 51 NOT IN DIRECTORY RECORD NUMBER 727

13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 52
SECTION 3/ 52 NOT IN DIRECTORY RECORD NUMBER 745

14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 53
SECTION 3/ 53 NOT IN DIRECTORY RECORD NUMBER 761

15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 54 | RECORD NUMBER | 776 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 55 | RECORD NUMBER | 791 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 56 | RECORD NUMBER | 806 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 57 | RECORD NUMBER | 820 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 58 | RECORD NUMBER | 834 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 59 | RECORD NUMBER | 847 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 60 | RECORD NUMBER | 861 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 61 | RECORD NUMBER | 875 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 62 (0): Directory (b)

- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 62 | | |
| | SECTION 3/ 62 NOT IN DIRECTORY | RECORD NUMBER | 889 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 63 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 63 | | |
| | SECTION 3/ 63 NOT IN DIRECTORY | RECORD NUMBER | 903 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 64 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 64 | | |
| | SECTION 3/ 64 NOT IN DIRECTORY | RECORD NUMBER | 917 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 65 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 65 | | |
| | SECTION 3/ 65 NOT IN DIRECTORY | RECORD NUMBER | 931 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 66 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 66 | | |
| | SECTION 3/ 66 NOT IN DIRECTORY | RECORD NUMBER | 945 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT= 91 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT= 91 | | |
| | SECTION 3/ 91 NOT IN DIRECTORY | RECORD NUMBER | 959 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=102 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT=102 | | |
| | SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER | 975 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=103 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT=103 | | |
| | SECTION 3/103 NOT IN DIRECTORY | RECORD NUMBER | 994 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=107 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=107 | |
| SECTION 3/107 NOT IN DIRECTORY | RECORD NUMBER 1005 |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=600 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=600 | |
| SECTION 3/600 NOT IN DIRECTORY | RECORD NUMBER 1022 |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=649 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=649 | |
| SECTION 3/649 NOT IN DIRECTORY | RECORD NUMBER 1033 |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=800 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=800 | |
| SECTION 3/800 NOT IN DIRECTORY | RECORD NUMBER 1044 |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=801 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=801 | |
| SECTION 3/801 NOT IN DIRECTORY | RECORD NUMBER 1061 |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=802 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=802 | |
| SECTION 3/802 NOT IN DIRECTORY | RECORD NUMBER 1078 |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=803 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=803 | |
| SECTION 3/803 NOT IN DIRECTORY | RECORD NUMBER 1094 |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=804 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=804 | |
| SECTION 3/804 NOT IN DIRECTORY | RECORD NUMBER 1111 |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=805 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=805 | RECORD NUMBER | 1127 |
| SECTION 3/805 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=806 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=806 | RECORD NUMBER | 1143 |
| SECTION 3/806 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=807 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=807 | RECORD NUMBER | 1159 |
| SECTION 3/807 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=808 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=808 | RECORD NUMBER | 1174 |
| SECTION 3/808 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=809 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=809 | RECORD NUMBER | 1189 |
| SECTION 3/809 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=810 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=810 | RECORD NUMBER | 1204 |
| SECTION 3/810 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=811 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=811 | RECORD NUMBER | 1218 |
| SECTION 3/811 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=812 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 3, MT=812 | RECORD NUMBER | 1233 |
| SECTION 3/812 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 3, MT=849 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 3, MT=849 | |
| | SECTION 3/849 NOT IN DIRECTORY | RECORD NUMBER 1248 |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|--|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 2 | |
| | SECTION 4/ 2 NOT IN DIRECTORY | RECORD NUMBER 1264 |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 51 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 51 | |
| | SECTION 4/ 51 NOT IN DIRECTORY | RECORD NUMBER 1413 |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 52 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 52 | |
| | SECTION 4/ 52 NOT IN DIRECTORY | RECORD NUMBER 1540 |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 53 | |
| | SECTION 4/ 53 NOT IN DIRECTORY | RECORD NUMBER 1650 |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 54 | |
| | SECTION 4/ 54 NOT IN DIRECTORY | RECORD NUMBER 1761 |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 55 | |
| | SECTION 4/ 55 NOT IN DIRECTORY | RECORD NUMBER 1850 |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 56 | |
| | SECTION 4/ 56 NOT IN DIRECTORY | RECORD NUMBER 1958 |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 57 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 57 | RECORD NUMBER | 2072 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 58 | RECORD NUMBER | 2176 |
| SECTION 4/ 58 NOT IN DIRECTORY | | |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 59 | RECORD NUMBER | 2271 |
| SECTION 4/ 59 NOT IN DIRECTORY | | |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 60 | RECORD NUMBER | 2373 |
| SECTION 4/ 60 NOT IN DIRECTORY | | |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 61 | RECORD NUMBER | 2467 |
| SECTION 4/ 61 NOT IN DIRECTORY | | |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 62 | RECORD NUMBER | 2530 |
| SECTION 4/ 62 NOT IN DIRECTORY | | |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 63 | RECORD NUMBER | 2593 |
| SECTION 4/ 63 NOT IN DIRECTORY | | |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 64 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 64 | RECORD NUMBER | 2656 |
| SECTION 4/ 64 NOT IN DIRECTORY | | |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 65 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 65 | RECORD NUMBER | 2717 |
| SECTION 4/ 65 NOT IN DIRECTORY | | |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT= 66 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT= 66 | RECORD NUMBER | 2778 |
| SECTION 4/ 66 NOT IN DIRECTORY | | |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=600 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=600 | RECORD NUMBER | 2839 |
| SECTION 4/600 NOT IN DIRECTORY | | |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=800 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=800 | RECORD NUMBER | 2884 |
| SECTION 4/800 NOT IN DIRECTORY | | |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=801 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=801 | RECORD NUMBER | 2965 |
| SECTION 4/801 NOT IN DIRECTORY | | |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=802 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=802 | RECORD NUMBER | 3046 |
| SECTION 4/802 NOT IN DIRECTORY | | |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=803 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=803 | RECORD NUMBER | 3127 |
| SECTION 4/803 NOT IN DIRECTORY | | |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=804 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=804 | RECORD NUMBER | 3208 |
| SECTION 4/804 NOT IN DIRECTORY | | |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=805 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=805 | RECORD NUMBER | 3289 |
| SECTION 4/805 NOT IN DIRECTORY | | |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=806 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=806 | RECORD NUMBER | 3370 |
| SECTION 4/806 NOT IN DIRECTORY | | |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=807 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=807 | RECORD NUMBER | 3451 |
| SECTION 4/807 NOT IN DIRECTORY | | |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=808 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=808 | RECORD NUMBER | 3532 |
| SECTION 4/808 NOT IN DIRECTORY | | |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=809 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=809 | RECORD NUMBER | 3613 |
| SECTION 4/809 NOT IN DIRECTORY | | |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=810 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=810 | RECORD NUMBER | 3694 |
| SECTION 4/810 NOT IN DIRECTORY | | |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=811 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=811 | RECORD NUMBER | 3775 |
| SECTION 4/811 NOT IN DIRECTORY | | |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 4, MT=812 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6043, MF= 4, MT=812 | RECORD NUMBER | 3856 |
| SECTION 4/812 NOT IN DIRECTORY | | |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 16 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 16 | |
| SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER 3938 |
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 17 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 17 | |
| SECTION 6/ 17 NOT IN DIRECTORY | RECORD NUMBER 5514 |
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 22 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 22 | |
| SECTION 6/ 22 NOT IN DIRECTORY | RECORD NUMBER 5923 |
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 24 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 24 | |
| SECTION 6/ 24 NOT IN DIRECTORY | RECORD NUMBER 8754 |
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 28 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 28 | |
| SECTION 6/ 28 NOT IN DIRECTORY | RECORD NUMBER 9448 |
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 41 (0): Directory (b)
- | | |
|---|---------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 41 | |
| SECTION 6/ 41 NOT IN DIRECTORY | RECORD NUMBER 10389 |
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT= 91 (0): Directory (b)
- | | |
|---|---------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT= 91 | |
| SECTION 6/ 91 NOT IN DIRECTORY | RECORD NUMBER 10504 |
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT=102 (0): Directory (b)
- | | |
|---|---------------------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT=102 | |
| SECTION 6/102 NOT IN DIRECTORY | RECORD NUMBER 15749 |
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT=649 (0): Directory (b)

- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT=649 | RECORD NUMBER | 17507 |
| SECTION 6/649 NOT IN DIRECTORY | | |
88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF= 6, MT=849 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF= 6, MT=849 | RECORD NUMBER | 18535 |
| SECTION 6/849 NOT IN DIRECTORY | | |
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 51 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF=12, MT= 51 | RECORD NUMBER | 20096 |
| SECTION 12/ 51 NOT IN DIRECTORY | | |
90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF=12, MT= 52 | RECORD NUMBER | 20100 |
| SECTION 12/ 52 NOT IN DIRECTORY | | |
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF=12, MT= 53 | RECORD NUMBER | 20104 |
| SECTION 12/ 53 NOT IN DIRECTORY | | |
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF=12, MT= 54 | RECORD NUMBER | 20108 |
| SECTION 12/ 54 NOT IN DIRECTORY | | |
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF=12, MT= 55 | RECORD NUMBER | 20112 |
| SECTION 12/ 55 NOT IN DIRECTORY | | |
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|-------|
| ERROR(S) FOUND IN MAT=6043, MF=12, MT= 56 | RECORD NUMBER | 20116 |
| SECTION 12/ 56 NOT IN DIRECTORY | | |
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 57 (0): Directory (b)

- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 57
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 20120
96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 58
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 20124
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 59
SECTION 12/ 59 NOT IN DIRECTORY RECORD NUMBER 20128
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 60
SECTION 12/ 60 NOT IN DIRECTORY RECORD NUMBER 20132
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 61
SECTION 12/ 61 NOT IN DIRECTORY RECORD NUMBER 20136
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 62
SECTION 12/ 62 NOT IN DIRECTORY RECORD NUMBER 20140
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 63
SECTION 12/ 63 NOT IN DIRECTORY RECORD NUMBER 20144
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 64 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 64
SECTION 12/ 64 NOT IN DIRECTORY RECORD NUMBER 20148
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 65 (0): Directory (b)

- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 65
SECTION 12/ 65 NOT IN DIRECTORY RECORD NUMBER 20152
104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT= 66 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT= 66
SECTION 12/ 66 NOT IN DIRECTORY RECORD NUMBER 20156
105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=801
SECTION 12/801 NOT IN DIRECTORY RECORD NUMBER 20160
106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=802
SECTION 12/802 NOT IN DIRECTORY RECORD NUMBER 20164
107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=803
SECTION 12/803 NOT IN DIRECTORY RECORD NUMBER 20168
108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=804
SECTION 12/804 NOT IN DIRECTORY RECORD NUMBER 20172
109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=805
SECTION 12/805 NOT IN DIRECTORY RECORD NUMBER 20176
110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=806
SECTION 12/806 NOT IN DIRECTORY RECORD NUMBER 20180
111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=807 (0): Directory (b)

- ERROR(S) FOUND IN MAT=6043, MF=12, MT=807
SECTION 12/807 NOT IN DIRECTORY RECORD NUMBER 20184
112. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=808
SECTION 12/808 NOT IN DIRECTORY RECORD NUMBER 20188
113. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=809
SECTION 12/809 NOT IN DIRECTORY RECORD NUMBER 20192
114. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=810
SECTION 12/810 NOT IN DIRECTORY RECORD NUMBER 20196
115. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=811 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=811
SECTION 12/811 NOT IN DIRECTORY RECORD NUMBER 20200
116. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=12, MT=812 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=12, MT=812
SECTION 12/812 NOT IN DIRECTORY RECORD NUMBER 20204
117. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 20209
118. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 20211
119. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 53 (0): Directory (b)

- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 53
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 20213
120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 54
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 20215
121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 55
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 20217
122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 56
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 20219
123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 57
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 20221
124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 58
SECTION 14/ 58 NOT IN DIRECTORY RECORD NUMBER 20223
125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 59
SECTION 14/ 59 NOT IN DIRECTORY RECORD NUMBER 20225
126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT= 60
SECTION 14/ 60 NOT IN DIRECTORY RECORD NUMBER 20227
127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 61 (0): Directory (b)

- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT= 61 | |
| | SECTION 14/ 61 NOT IN DIRECTORY | RECORD NUMBER 20229 |
128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 62 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT= 62 | |
| | SECTION 14/ 62 NOT IN DIRECTORY | RECORD NUMBER 20231 |
129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 63 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT= 63 | |
| | SECTION 14/ 63 NOT IN DIRECTORY | RECORD NUMBER 20233 |
130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 64 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT= 64 | |
| | SECTION 14/ 64 NOT IN DIRECTORY | RECORD NUMBER 20235 |
131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 65 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT= 65 | |
| | SECTION 14/ 65 NOT IN DIRECTORY | RECORD NUMBER 20237 |
132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT= 66 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT= 66 | |
| | SECTION 14/ 66 NOT IN DIRECTORY | RECORD NUMBER 20239 |
133. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=801 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT=801 | |
| | SECTION 14/801 NOT IN DIRECTORY | RECORD NUMBER 20241 |
134. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=802 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=6043, MF=14, MT=802 | |
| | SECTION 14/802 NOT IN DIRECTORY | RECORD NUMBER 20243 |
135. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=803 (0): Directory (b)

- ERROR(S) FOUND IN MAT=6043, MF=14, MT=803
SECTION 14/803 NOT IN DIRECTORY RECORD NUMBER 20245
136. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=804
SECTION 14/804 NOT IN DIRECTORY RECORD NUMBER 20247
137. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=805
SECTION 14/805 NOT IN DIRECTORY RECORD NUMBER 20249
138. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=806
SECTION 14/806 NOT IN DIRECTORY RECORD NUMBER 20251
139. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=807 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=807
SECTION 14/807 NOT IN DIRECTORY RECORD NUMBER 20253
140. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=808
SECTION 14/808 NOT IN DIRECTORY RECORD NUMBER 20255
141. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=809
SECTION 14/809 NOT IN DIRECTORY RECORD NUMBER 20257
142. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=810
SECTION 14/810 NOT IN DIRECTORY RECORD NUMBER 20259
143. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=811 (0): Directory (b)

- ERROR(S) FOUND IN MAT=6043, MF=14, MT=811
SECTION 14/811 NOT IN DIRECTORY RECORD NUMBER 20261
144. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=14, MT=812 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=14, MT=812
SECTION 14/812 NOT IN DIRECTORY RECORD NUMBER 20263
145. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=33, MT= 1 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=33, MT= 1
SECTION 33/ 1 NOT IN DIRECTORY RECORD NUMBER 20266
146. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=33, MT= 2 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=33, MT= 2
SECTION 33/ 2 NOT IN DIRECTORY RECORD NUMBER 20530
147. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=33, MT= 4 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=33, MT= 4
SECTION 33/ 4 NOT IN DIRECTORY RECORD NUMBER 20794
148. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=33, MT= 16 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=33, MT= 16
SECTION 33/ 16 NOT IN DIRECTORY RECORD NUMBER 20949
149. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6043, MF=33, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=6043, MF=33, MT=102
SECTION 33/102 NOT IN DIRECTORY RECORD NUMBER 20976

- **psyche** Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 148. L = 1 / STRENGTH FUNCTION IS 6.74042E-05 / AVERAGE GAMMA WIDTH 2.39328E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ISOTOPE MASS = 148. L = 1
STRENGTH FUNCTION IS 6.74042E-05
AVERAGE GAMMA WIDTH 2.39328E-02
... [1 more lines]
```

2. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
... [15 more lines]
```

3. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 1.09000E-04 / ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.86628E+01 SHOULD BE 8.08777E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 1.09000E-04
ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.86628E+01 SHOULD BE 8.08777E+01
```

4. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.86602E+01 SHOULD BE 8.08753E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.86602E+01 SHOULD BE 8.08753E+01
```

5. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

6. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.69161E+01 SHOULD BE 7.92843E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.69161E+01 SHOULD BE 7.92843E+01
```

7. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.

8. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.52080E+01 SHOULD BE 7.77262E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.52080E+01 SHOULD BE 7.77262E+01

9. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.

10. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.35351E+01 SHOULD BE 7.62002E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.35351E+01 SHOULD BE 7.62002E+01

11. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.

12. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.18968E+01 SHOULD BE 7.47057E+01 (0): URR dens. (a)

FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.18968E+01 SHOULD BE 7.47057E+01

13. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

14. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 8.02923E+01 SHOULD BE 7.32421E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 8.02923E+01 SHOULD BE 7.32421E+01
```

15. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

16. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 7.87207E+01 SHOULD BE 7.18086E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 7.87207E+01 SHOULD BE 7.18086E+01
```

17. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

18. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 7.71815E+01 SHOULD BE 7.04044E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 7.71815E+01 SHOULD BE 7.04044E+01
19. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
20. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 7.56739E+01 SHOULD BE 6.90293E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 7.56739E+01 SHOULD BE 6.90293E+01
21. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
22. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 7.41973E+01 SHOULD BE 6.76824E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 7.41973E+01 SHOULD BE 6.76824E+01
23. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.

24. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+05. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 6.72555E+01 SHOULD BE 6.13501E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+05. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 6.72555E+01 SHOULD BE 6.13501E+01
```

25. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+05. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 1.50000E+05. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

26. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 6.09933E+01 SHOULD BE 5.56377E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 6.09933E+01 SHOULD BE 5.56377E+01
```

27. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

28. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+05. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 5.53411E+01 SHOULD BE 5.04818E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+05. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 5.53411E+01 SHOULD BE 5.04818E+01
```

29. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+05. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

- FILE 2
SECTION 151
ENERGY = 2.50000E+05. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
30. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 1.09000E-04 / DENSITY 5.02367E+01 SHOULD BE 4.58256E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 1.09000E-04
DENSITY 5.02367E+01 SHOULD BE 4.58256E+01
31. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 1.09000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 1.09000E-04
AVERAGE GAMMA WIDTH 3.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
32. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 3.00000E-04 / AVERAGE GAMMA WIDTH 2.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 3.00000E-04
AVERAGE GAMMA WIDTH 2.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
33. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 3.00000E-04 / ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.88925E+01 SHOULD BE 5.91086E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 3.00000E-04
ENERGY = 9.98500E+03. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.88925E+01 SHOULD BE 5.91086E+01
34. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.88904E+01 SHOULD BE 5.91068E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.88904E+01 SHOULD BE 5.91068E+01

35. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.75352E+01 SHOULD BE 5.79440E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.75352E+01 SHOULD BE 5.79440E+01
```

36. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.62080E+01 SHOULD BE 5.68053E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.62080E+01 SHOULD BE 5.68053E+01
```

37. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.49081E+01 SHOULD BE 5.56901E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.49081E+01 SHOULD BE 5.56901E+01
```

38. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.36351E+01 SHOULD BE 5.45978E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.36351E+01 SHOULD BE 5.45978E+01
```

39. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.23884E+01 SHOULD BE 5.35282E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.23884E+01 SHOULD BE 5.35282E+01
```

40. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 6.11673E+01 SHOULD BE 5.24805E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 6.11673E+01 SHOULD BE 5.24805E+01
```

41. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 5.99713E+01 SHOULD BE 5.14543E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 5.99713E+01 SHOULD BE 5.14543E+01
```

42. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 5.87998E+01 SHOULD BE 5.04492E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 5.87998E+01 SHOULD BE 5.04492E+01
```

43. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 5.76525E+01 SHOULD BE 4.94649E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 5.76525E+01 SHOULD BE 4.94649E+01
```

44. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.50000E+05. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 5.22586E+01 SHOULD BE 4.48370E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.50000E+05. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 5.22586E+01 SHOULD BE 4.48370E+01
```

45. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 4.73928E+01 SHOULD BE 4.06622E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 4.73928E+01 SHOULD BE 4.06622E+01
```

46. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.50000E+05. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 4.30009E+01 SHOULD BE 3.68941E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.50000E+05. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 4.30009E+01 SHOULD BE 3.68941E+01
```

47. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 3.00000E-04 / DENSITY 3.90347E+01 SHOULD BE 3.34911E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 3.00000E-04
DENSITY 3.90347E+01 SHOULD BE 3.34911E+01
```

48. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 3.00000E-04 / AVERAGE GAMMA WIDTH 2.40000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 3.00000E+05. STRENGTH FUNCTION IS 3.00000E-04
AVERAGE GAMMA WIDTH 2.40000E-02
LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

49. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 22 / THE CALCULATED Q 6.34498E+05 DISSAGREES WITH THE GIVEN Q 5.98000E+05 (0): Iffy Q

```
FILE 3
SECTION 22
THE CALCULATED Q 6.34498E+05 DISSAGREES WITH THE GIVEN Q 5.98000E+05
```

50. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 107 / THE CALCULATED Q 5.37153E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q

```
FILE 3
SECTION 107
THE CALCULATED Q 5.37153E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00
```

- **groupie** Errors:

1. Very small elastic cross section found
0: Small elastic

Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)

```
-----
ENDF/B Input and Output Data Filenames
ENDFB.IN
ENDFB.OUT
... [97 more lines]
```

- **fudge-4.0** Warnings:

1. Missing a channel with a particular angular momenta combination
resonances / resolved / MultiLevelBreitWigner (Error # 0): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 1.5 and S = 1.5 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 0.5 and S = 1.5 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 1.5 and S = 1.5 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 2.5 and S = 1.5 for "capture"

2. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (n + Nd148): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (n + Nd148): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 ((z,n)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 3 (n[multiplicity:'2'] + Nd147 + gamma): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (Nd149 + gamma): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

9. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (Nd149 + gamma): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.
reaction label 18: n[multiplicity:'2'] + Nd147 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7516522.915359497 eV vs -7.333e6 eV!
2. Calculated and tabulated Q values disagree.
reaction label 19: n[multiplicity:'3'] + Nd146 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13153915.10185242 eV vs -1.2624e7 eV!
3. Calculated and tabulated Q values disagree.
reaction label 20: n + H1 + Pr147 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9552422.710678101 eV vs -9.236e6 eV!
4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 20: n + H1 + Pr147 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV
... plus 7 more instances of this message
5. Calculated and tabulated Q values disagree.
reaction label 21: H1 + Pr148 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -3915030.524169922 eV vs -4.15e6 eV!
6. Calculated and tabulated Q values disagree.
reaction label 22: H1 + (Pr148.c ->Pr148 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -3915030.524169922 eV vs -4.15e6 eV!
7. Calculated and tabulated Q values disagree.
reaction label 23: He4 + Ce145 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5432891.076782227 eV vs 5.33e6 eV!
8. Calculated and tabulated Q values disagree.
reaction label 24: He4 + Ce145-e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5368591.076782227 eV vs 5.2657e6 eV!
9. Calculated and tabulated Q values disagree.
reaction label 25: He4 + Ce145-e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5362891.076782227 eV vs 5.26e6 eV!
10. Calculated and tabulated Q values disagree.
reaction label 26: He4 + Ce145-e3 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5314691.076782227 eV vs 5.2118e6 eV!

11. Calculated and tabulated Q values disagree.
reaction label 27: He4 + Ce145_e4 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5198791.076782227 eV vs 5.0959e6 eV!
12. Calculated and tabulated Q values disagree.
reaction label 28: He4 + Ce145_e5 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5076991.076782227 eV vs 4.9741e6 eV!
13. Calculated and tabulated Q values disagree.
reaction label 29: He4 + Ce145_e6 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4985691.076782227 eV vs 4.8828e6 eV!
14. Calculated and tabulated Q values disagree.
reaction label 30: He4 + Ce145_e7 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4927191.076782227 eV vs 4.8243e6 eV!
15. Calculated and tabulated Q values disagree.
reaction label 31: He4 + Ce145_e8 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4910691.076782227 eV vs 4.8078e6 eV!
16. Calculated and tabulated Q values disagree.
reaction label 32: He4 + Ce145_e9 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4800291.076782227 eV vs 4.6974e6 eV!
17. Calculated and tabulated Q values disagree.
reaction label 33: He4 + Ce145_e10 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4768591.076782227 eV vs 4.6657e6 eV!
18. Calculated and tabulated Q values disagree.
reaction label 34: He4 + Ce145_e11 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4761091.076782227 eV vs 4.6582e6 eV!
19. Calculated and tabulated Q values disagree.
reaction label 35: He4 + Ce145_e12 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4724191.076782227 eV vs 4.6213e6 eV!
20. Calculated and tabulated Q values disagree.
reaction label 36: He4 + (Ce145_c -> Ce145 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4724191.076782227 eV vs 4.6213e6 eV!
21. Calculated and tabulated Q values disagree.
reaction label 37: Nd149 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 4835671.890777588 eV vs 5.038e6 eV!

22. Calculated and tabulated Q values disagree.
reaction label 38: $n + \text{He4} + \text{Ce144} + \text{gamma}$ (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 735064.254699707 eV vs 5.98e5 eV!
23. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 38: $n + \text{He4} + \text{Ce144} + \text{gamma}$ / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy
- WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 7.3e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 7.5e6 eV
 ... plus 14 more instances of this message
24. Calculated and tabulated Q values disagree.
reaction label 39: $n[\text{multiplicity:}'2'] + \text{He4} + \text{Ce143} + \text{gamma}$ (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: -6781458.660629272 eV vs -6.298e6 eV!
25. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 39: $n[\text{multiplicity:}'2'] + \text{He4} + \text{Ce143} + \text{gamma}$ / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.45e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV
 ... plus 5 more instances of this message
26. Calculated and tabulated Q values disagree.
reaction label 40: $n[\text{multiplicity:}'2'] + \text{H1} + \text{Pr146} + \text{gamma}$ (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: -16129380.26156616 eV vs -1.6012e7 eV!
27. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 40: $n[\text{multiplicity:}'2'] + \text{H1} + \text{Pr146} + \text{gamma}$ / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
28. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch
- WARNING: Cross section domain does not match domain of linked reaction cross section sum
29. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 2: (z,p) (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum

- njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt102 does not give recoil za= 60149
photon momentum recoil used.